

APPENDIX "A"

Examples of drugs and non-peptides which have been discovered by ligand-based receptor screens.

	Drug/non-peptide	Radiolabel For Screening	Reference	Targeted Receptor
5	Zantac	[³ H]-Histamine	1	Histamine H2
	Tagamet	[³ H]-Histamine	1	Histamine H2
	Seldane	[³ H]-Histamine	1	Histamine H1
	Ventolin	[³ H]-Noradrenaline	2	Adrenergic β 2
	Atenolol/Tenermin	[³ H]-Adrenaline	2	Adrenergic β 1
10	Propanolol/Inderal	[³ H]-Noradrenaline	2	Adrenergic β 1/ β 2
	Prazosin	[³ H]-Adrenaline	3	Adrenergic α 2B/2C
	Isoproterenol/Isordil	[³ H]-Noradrenaline	2	Adrenergic β 1/ β 2
	Norepinephrine/Levophed	[³ H]-Adrenaline	2	Adrenergic α 1/2, β 1/2/3
15	Imitrex	[³ H]-5HT	4	Serotonin 5HT-1D
	Buspar	[³ H]-5-HT	4	Serotonin 5HT-1A
	Nefazodone	[³ H]-Ketanserin	5	Serotonin 5HT-2A
	Thorazine	[³ H]-Dopamine	6	Dopamine D2
	Clozapine	[³ H]-Dopamine	6	Dopamine D2
20	Codeine	[³ H]- β endorphin	7	Opioid Receptors
	Morphine	[³ H]- β endorphin	7	Opioid Receptors
	Methadone	[³ H]- β endorphin	7	Opioid Receptors
	RO-46-2005 PD 156707 SB 209670	[¹²⁵ I]-Endothelin	8	Endothelin
25	MK-954	[¹²⁵ I]-Angiotensin II	9	Angiotensin II
	CP-154,526	[¹²⁵ I]-CRF	10	CRF
	BIBP 3226	[¹²⁵ I]-NPY	11	NPY
	SR-48968	[¹²⁵ I]-Neurokinin	12	Neurokinin

SR-49059	[¹²⁵ I]-Vasopressin	13	Vasopressin
L-366,509	[¹²⁵ I]-Oxytocin	14	Oxytocin
NK-1/NK-2	[¹²⁵ I]-Tackycinin	15	Tackycinin
LY303870	[¹²⁵ I]-Substance P	16	Substance P
5 HS-142-1	[¹²⁵ I]-ANP	17	ANP
L-365,269-CR 1505	[¹²⁵ I]-CCK	18	CCK
SR 48527	[¹²⁵ I]-Neurotensin	19	Neurotensin
WIN 64338	[¹²⁵ I]-Bradykinin	20	Bradykinin

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